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FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     TTTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     TTTTTTTTTTTTTTTT  LLL
FFFFFFFFFFFFFFF     000000000     RRRRRRRRRRRR     RRRRRRRRRRRR     TTTTTTTTTTTTTTTT  LLL
FFF               000         000 RRR         RRR RRR         RRR         TTT         LLL
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FFF               000         000 RRR         RRR RRR         RRR         TTT         LLL
FFF               000         000 RRR         RRR RRR         RRR         TTT         LLL
FFFFFFFFFFFF      000         000 RRRRRRRRRRRR    RRRRRRRRRRRR            TTT         LLL
FFFFFFFFFFFF      000         000 RRRRRRRRRRRR    RRRRRRRRRRRR            TTT         LLL
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FFF               000         000 RRR   RRR       RRR   RRR               TTT         LLL
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FFF               000         000 RRR      RRR    RRR      RRR            TTT         LLL
FFF               000         000 RRR      RRR    RRR      RRR            TTT         LLL
FFF               000         000 RRR      RRR    RRR      RRR            TTT         LLL
FFF                  000000000    RRR         RRR RRR         RRR         TTT         LLLLLLLLLLLLLLL
FFF                  000000000    RRR         RRR RRR         RRR         TTT         LLLLLLLLLLLLLLL
FFF                  000000000    RRR         RRR RRR         RRR         TTT         LLLLLLLLLLLLLLL
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FILEID**FORNML

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FFFFFFFFFF      000000    RRRRRRRR    NN        NN  MM        MM  LL
FFFFFFFFFF      000000    RRRRRRRR    NN        NN  MM        MM  LL
FF            00      00  RR      RR  NN        NN  MMMM    MMMM  LL
FF            00      00  RR      RR  NN        NN  MMMM    MMMM  LL
FF            00      00  RR      RR  NNNN      NN  MM  MM    MM  LL
FF            00      00  RR      RR  NNNN      NN  MM  MM    MM  LL
FFFFFFFF      00      00  RRRRRRRR    NN  NN    NN  MM        MM  LL
FFFFFFFF      00      00  RRRRRRRR    NN  NN    NN  MM        MM  LL
FF            00      00  RR  RR      NN    NNNN    MM        MM  LL
FF            00      00  RR  RR      NN    NNNN    MM        MM  LL
FF            00      00  RR    RR    NN        NN  MM        MM  LL                 ....
FF            00      00  RR    RR    NN        NN  MM        MM  LL                 ....
FF              000000    RR      RR  NN        NN  MM        MM  LLLLLLLLLL         ....
FF              000000    RR      RR  NN        NN  MM        MM  LLLLLLLLLL         ....


RRRRRRRR    EEEEEEEEEE      QQQQQQ
RRRRRRRR    EEEEEEEEEE      QQQQQQ
RR      RR  EE            QQ      QQ
RR      RR  EE            QQ      QQ
RR      RR  EE            QQ      QQ
RR      RR  EE            QQ      QQ
RRRRRRRR    EEEEEEEE      QQ      QQ
RRRRRRRR    EEEEEEEE      QQ      QQ
RR  RR      EE            QQ  QQ  QQ
RR  RR      EE            QQ  QQ  QQ
RR    RR    EE            QQ    QQ
RR    RR    EE            QQ    QQ
RR      RR  EEEEEEEEEE      QQQQ  QQ
RR      RR  EEEEEEEEEE      QQQQ  QQ
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! FORNML.REQ - NAMELIST NML$ Definitions - Version 1-002 - Edit: SBL1002

!
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!

! AUTHOR: Steven B. Lionel

! EDIT HISTORY:
! 1-001 - Original.  SBL 21-August-1980
! 1-002 - Add NML$V_SUBSCRIPT.  SBL 15-April-1981


LITERAL
    NML$K_BLKLENGTH = TPA$K_LENGTH0 + 120;      ! TPARSE parameter block length


FIELD
    NML$FIELDS =
        !+
        ! The following fields are part of the TPARSE parameter block past that
        ! used by LIB$TPARSE.
        !-
        SET
        NML$A_LISTBLOCK = [TPA$K_LENGTH0 + 00, 0, 32, 0],       ! NAMELIST descriptor block
        NML$A_VARNAME   = [TPA$K_LENGTH0 + 04, 0, 32, 0],       ! Variable name
        NML$A_VARSTART  = [TPA$K_LENGTH0 + 08, 0, 32, 0],       ! Variable start address
        NML$A_VAREND    = [TPA$K_LENGTH0 + 12, 0, 32, 0],       ! Variable end address
        NML$A_VARCUR    = [TPA$K_LENGTH0 + 16, 0, 32, 0],       ! Current position
        NML$W_VARSIZE   = [TPA$K_LENGTH0 + 20, 0, 16, 0],       ! Segment size
        NML$W_STRIDE    = [TPA$K_LENGTH0 + 22, 0, 16, 0],       ! Stride between elements
        NML$A_DESCR     = [TPA$K_LENGTH0 + 24, 0, 32, 0],       ! Address of descriptor
        NML$A_CCB       = [TPA$K_LENGTH0 + 28, 0, 32, 0],       ! Address of CCB
        NML$B_DTYPE     = [TPA$K_LENGTH0 + 32, 0, 08, 0],       ! Variable datatype
        NML$V_SUBSTRING = [TPA$K_LENGTH0 + 33, 0, 01, 0],       ! Set if substring
```

```
        NML$V_IMAG       = [TPA$K_LENGTH0 + 33, 1, 01, 0],       ! Set if imaginary part
        NML$V_VALUE_IDENT =
                           [TPA$K_LENGTH0 + 33, 2, 01, 0],       ! Set if last token was an identifier
        NML$V_SUBSCRIPT  = [TPA$K_LENGTH0 + 33, 3, 01, 0],       ! Set of a subscript has been seen
        NML$B_CONSTYPE   = [TPA$K_LENGTH0 + 34, 0, 08, 0],       ! Constant type
        NML$L_CURIDX     = [TPA$K_LENGTH0 + 36, 0, 32, 0],       ! Current index number
        NML$L_SUBSCR     = [TPA$K_LENGTH0 + 40, 0, 32, 0],       ! Subscripts (7 longwords
        NML$L_SUBSTRLO   = [TPA$K_LENGTH0 + 40, 0, 32, 0],       ! Low substring column
        NML$L_SUBSTRHI   = [TPA$K_LENGTH0 + 44, 0, 32, 0],       ! High substring column
        NML$L_CONSBLOCK  = [TPA$K_LENGTH0 + 68, 0, 32, 0],       ! Constant storage block
                                                                 ! 4 longwords
        NML$L_REPEATCT   = [TPA$K_LENGTH0 + 84, 0, 32, 0],       ! Repeat count
        NML$T_TOKEN      = [TPA$K_LENGTH0 + 88, 0, 08, 0]        ! Last token if
                                                                 ! it could be an
                                                                 ! identifier.
                                                                 ! 32 bytes long.
        TES;

! End of FORNML.REQ
```

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